

IN THE CLAIMS:

Please add the following new claims 33-36:

33. (New) The method of Claim 24, wherein said plurality of categories comprise at least three separate categories.

34. (New) The method of Claim 24, wherein said plurality of categories comprise at least four separate categories.

35. (New) The method of Claim 24, wherein said plurality of categories comprise categories for:

no known dependencies;

known dependencies;

probably no dependencies; and

probably dependencies.

36. (New) The method of Claim 24, further comprising:

determining an execution order between reordering said sequence of instructions and executing said sequence of instructions without reordering, if said sequence of instructions is placed in a category in which there probably are dependencies.